INVESTOR MEETING 2013

November 21, Santa Clara, CA

Accelerating the Data Center Transformation

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Data Center Group

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Rise of the

Digital Service Economy

DIGITAL SERVICES

CONSUMER

Social Networking

Entertainment

Shopping

Personal Cloud

Health

Productivity

Banking

BUSINESS

Cloud

Analytics

Employee Productivity

Enterprise Mobility

VERTICAL

Transportation

Medical

Retail

Education

Finance

Utilities

NETWORKS

Landline

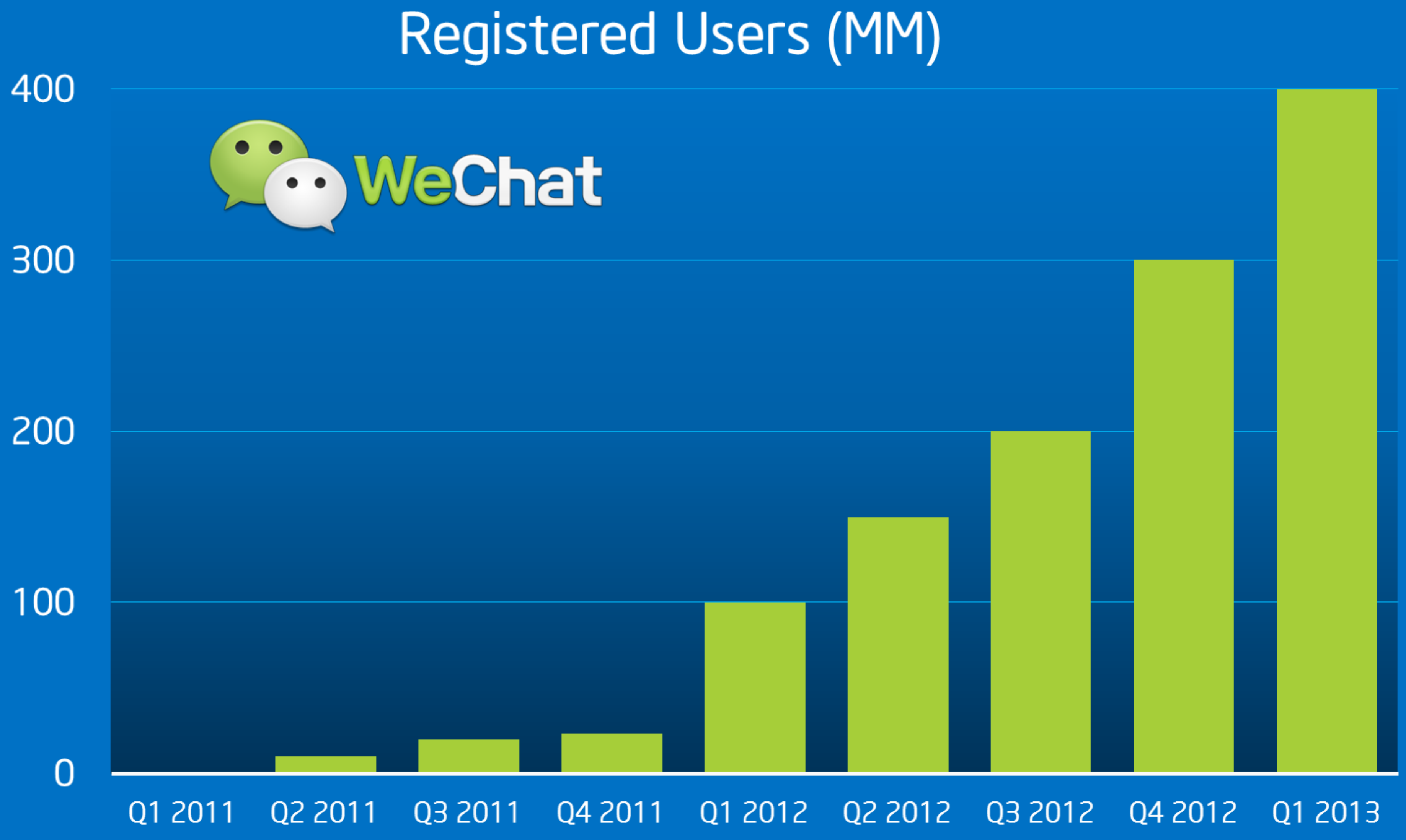
Cellular

DEVELOPER

* Other names and brands may be claimed as the property of others.

Digital Services Scale Rapidly…

From 0 to 400 million users in 2 years



Source: User growth per Tencent and Morgan Stanley estimates.
* Other names and brands may be claimed as the property of others.

… and Drive Unprecedented Economic Results

China's "Single's Day" (11/11) = 3X US Cyber Monday Sales

Alibaba.com
阿里巴巴

$5.7 BILLION IN SALES

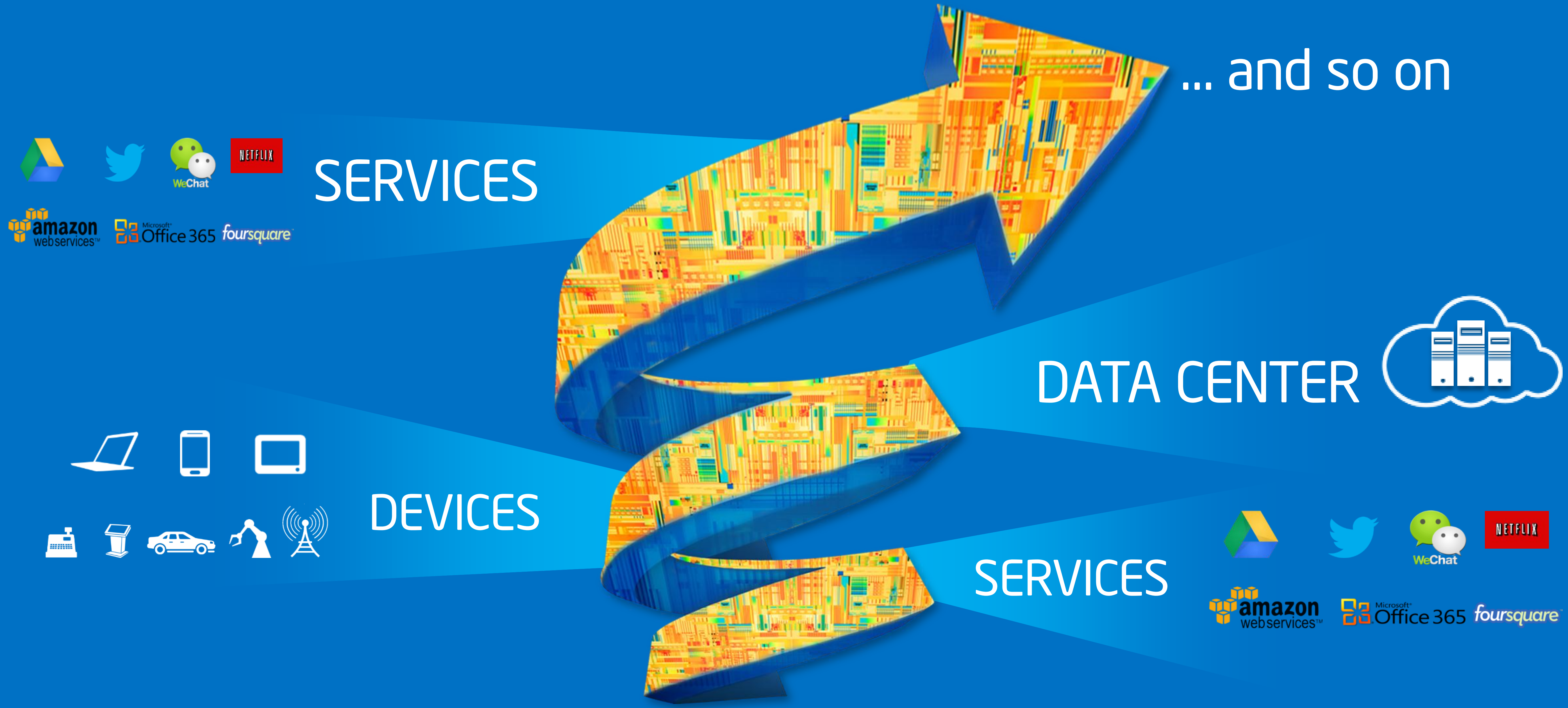
&

188M TRANSACTIONS

in One Day

Source: Alibaba, November 2013
* Other names and brands may be claimed as the property of others.

Virtuous Cycle of Computing



* Other names and brands may be claimed as the property of others.

Connected Devices:
Depend on Intel-Powered Data Centers

SMARTPHONES

~400 DEVICES
drives
1 SERVER[1]

01010010101010111101010111010101110101

CONNECTED FACTORY TOOLS

~40 DEVICES
drives
1 SERVER[2]

01010010101010111101010111010101110101

MEDICAL WEARABLE DEVICES

~100 DEVICES
drives
1 SERVER[2]

01010010101010111101010111010101110101

DIGITAL SIGNS

~20 DEVICES
drives
1 SERVER[2]

01010010101010111101010111010101110101

1: Intel and 3rd party analysis
2: Intel estimate based on various end user proofs of concepts

Internet of Things Driving Growth

01010101010101010101010101010101010101010101010101010101010101110101010110101010111 0110

SMART TRAFFIC DEPLOYMENT[1]

30K Cameras → **10K** Gateways → **2.5K** Servers, **650** Network Switches, **250** Storage Systems

Intel® Distribution for Hadoop

Forecast: 19 Billion Connected Devices by 2016[2]

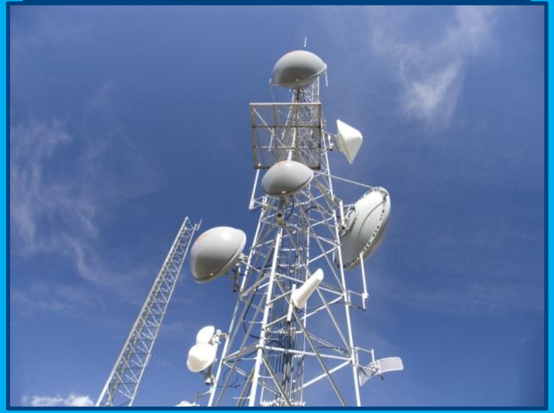
1: Intel estimate based on smart traffic installation in China
2: Intel and 3rd party analysis
* Other names and brands may be claimed as the property of others.

Data Center Overview

Enterprise IT

Cloud Service Provider

Telco Service Provider



HPC

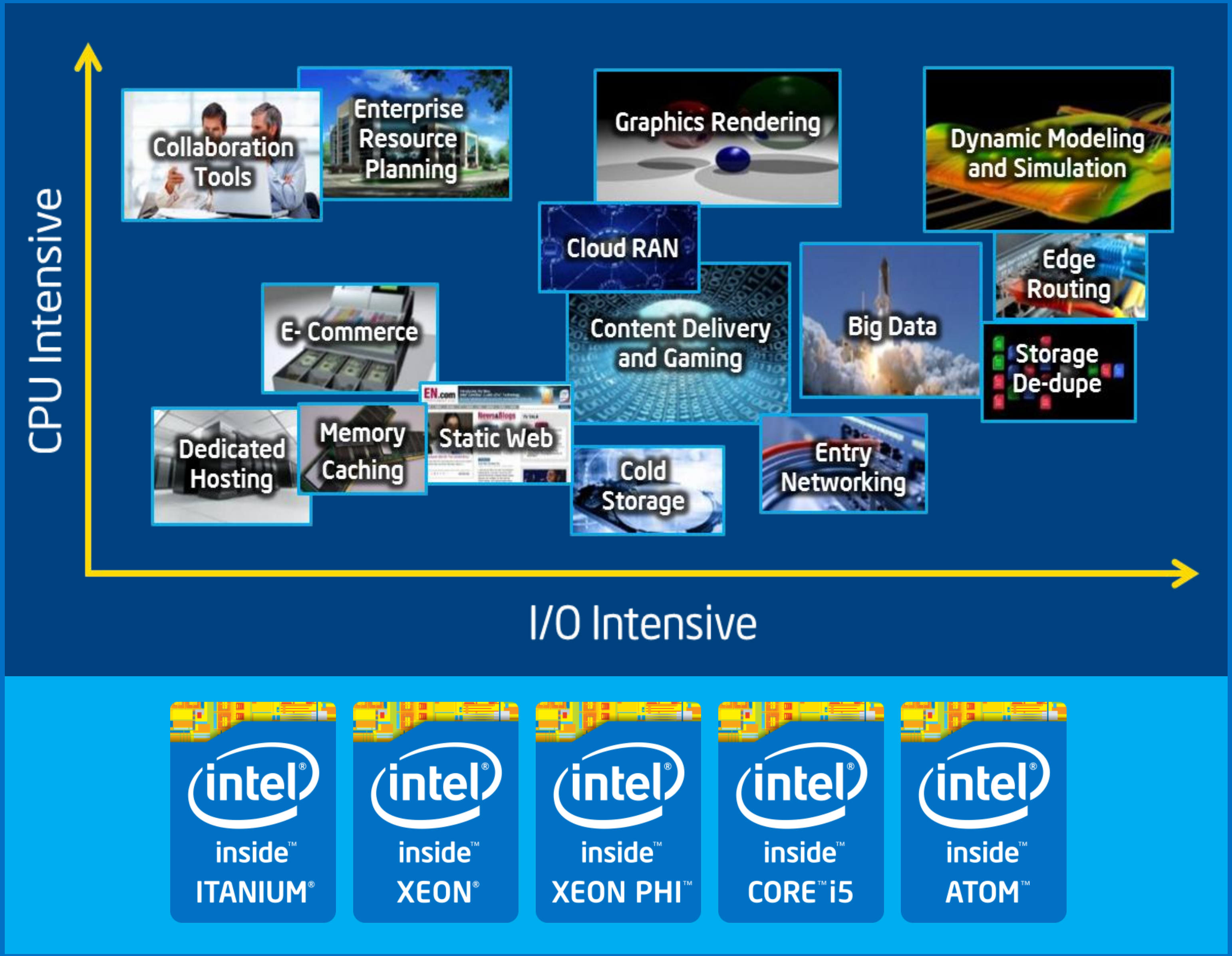
Server

Storage

Network

Our Strength: Workload Optimization

Spanning Server, Storage, and Network



Since Last Year:

>40 segment-optimized SKUs launched

15 customer-tailored SKUs delivered

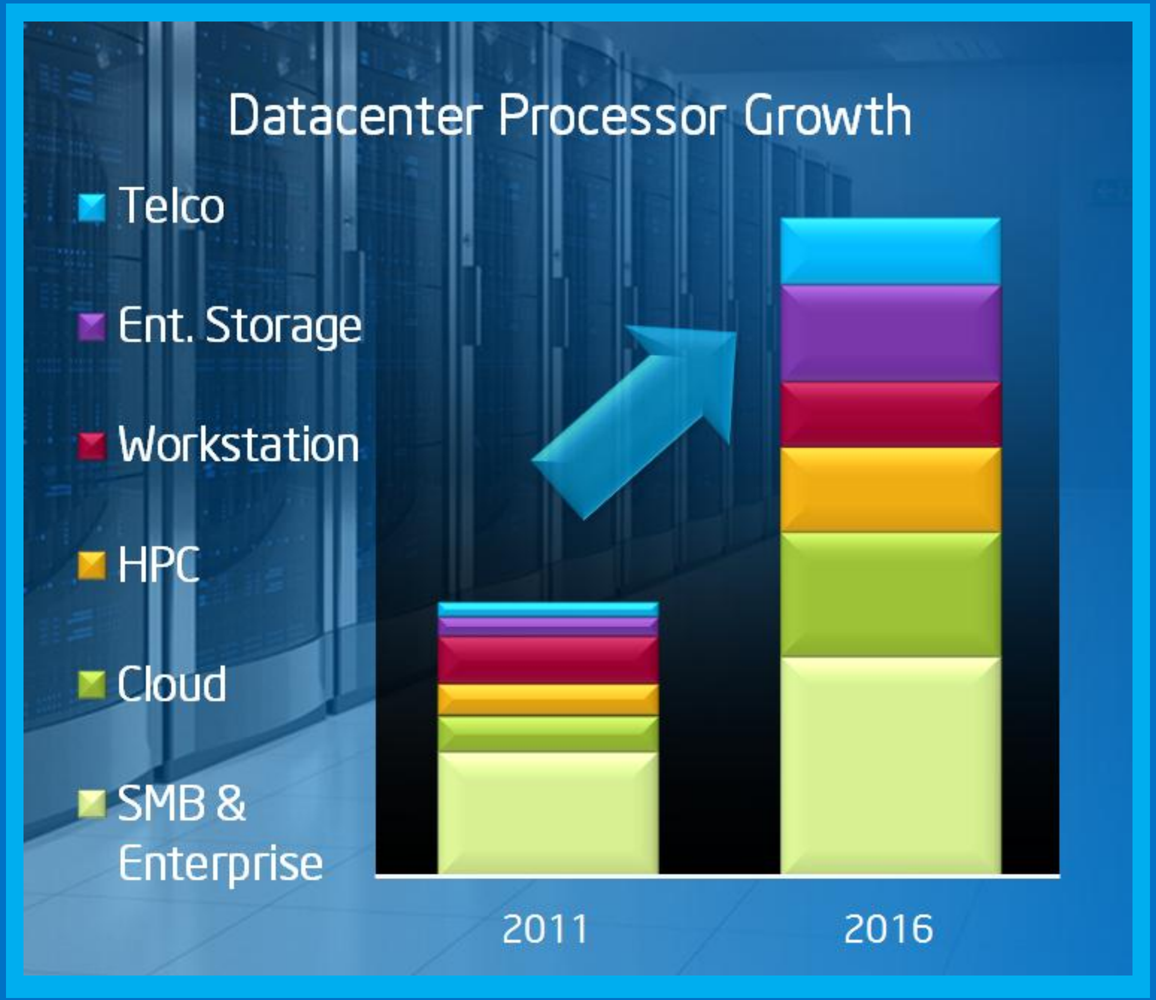
2nd gen Intel® Atom™ SoC for data center

Intel® Xeon® processor based SoC plans announced

>100 CPUs Covering all Data Center Workloads

Data Center Growth: *What We Told You*

2011 Investor Day Commit



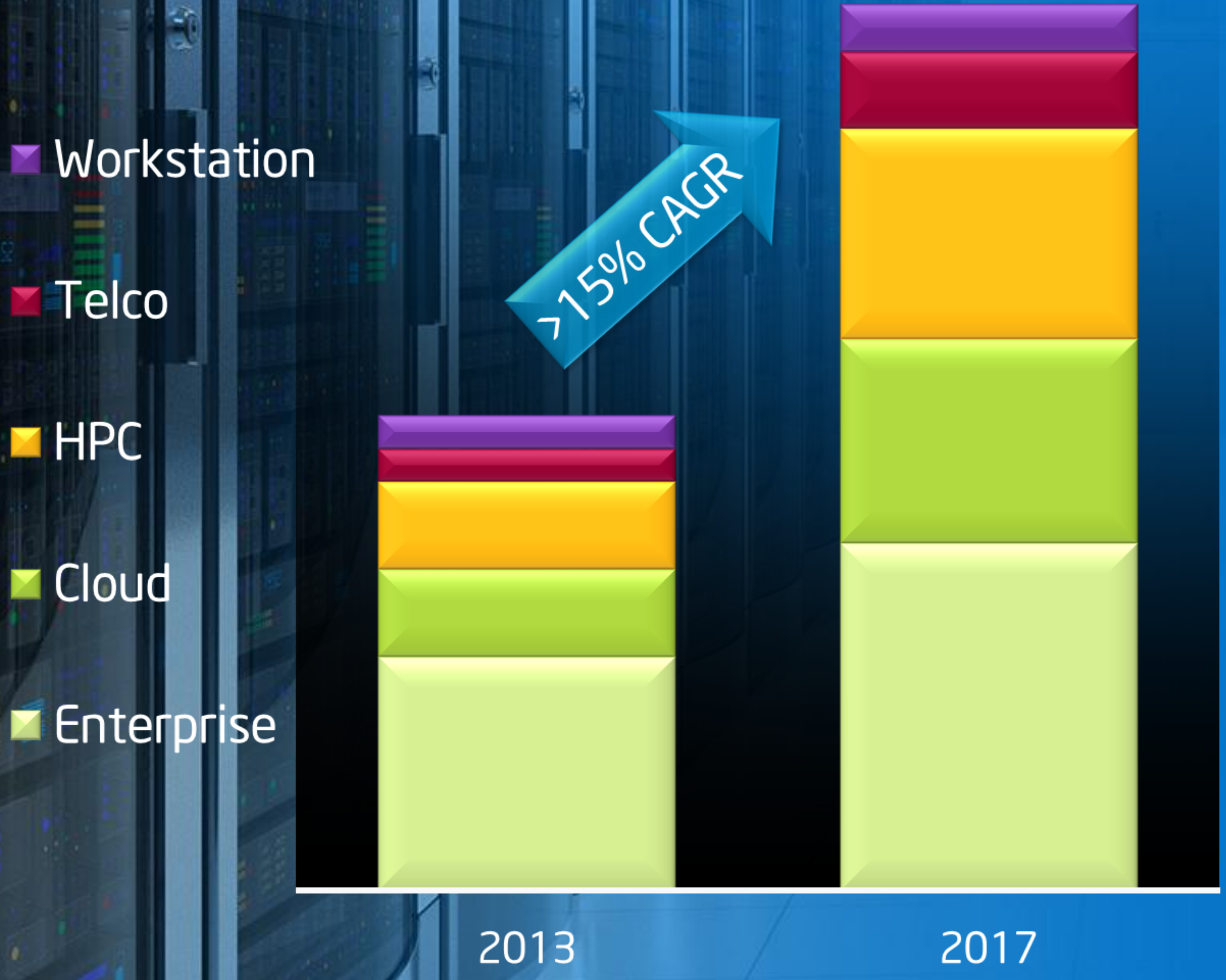
Revenue CAGR

	Original Forecast '11-'16	Actual '11-'13	Drivers
Cloud	37%	46%	New services build-out + value of performance + share of wallet
HPC	14%	20%	Market growth in supercomputing & commercial HPC + MSS gain + higher ASPs
Telco	21%	20%	4:1 workload consolidation onto more robust Xeon® processor for TCO gains
Enterprise	13%	-1%	GDP slowdown + server virtualization matured
Total	**15%**	**8%**	

Source Intel forecasts and reported results
Telco financial results are reported in the "Other IA operating segment"

Data Center Forecast

2013 - 2017



Segment Revenue Forecast

Cloud, HPC, Telco
GROWTH
>20%

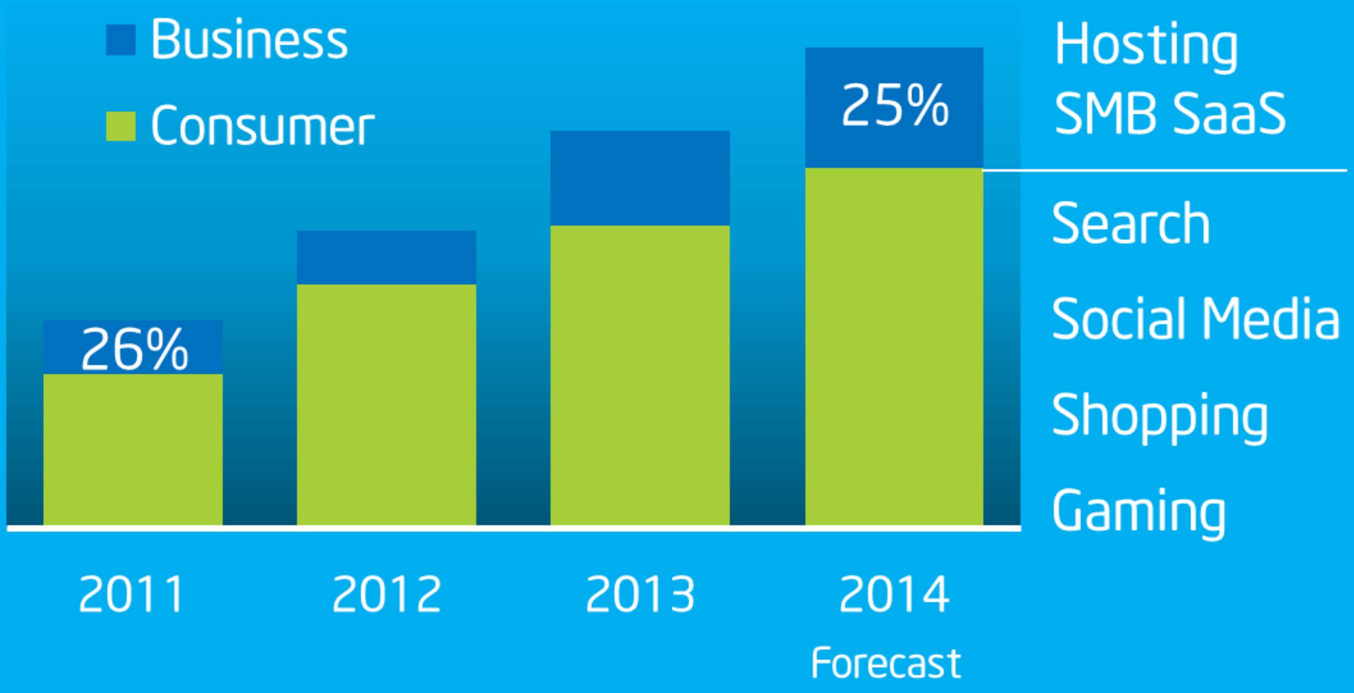
Enterprise
GROWTH
8%

Source Intel forecasts and reported results
Telco financial results are reported in the "Other IA operating segment"

Cloud: *Growth Drivers*

Cloud: 75% of Growth from Consumer Services

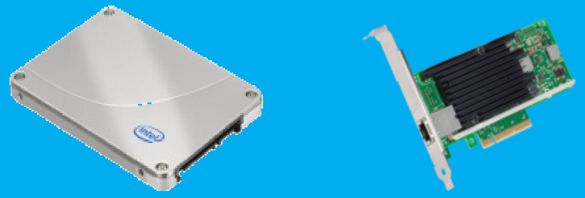
Consumer vs. Business Cloud
CPU Volume



Cloud SPs Valuing Intel Performance & Tech

6 of 7 Top
Customers bought "higher bin" CPUs vs. prior year

30% Higher Attach
of Intel platform technologies vs. other segments



Source: Intel internal analysis

Cloud: *Intel Advantage*

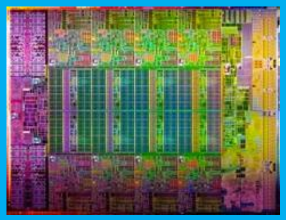
WORKLOAD OPTIMIZATION
Server, Storage and Network

intel inside ATOM™

intel inside XEON®

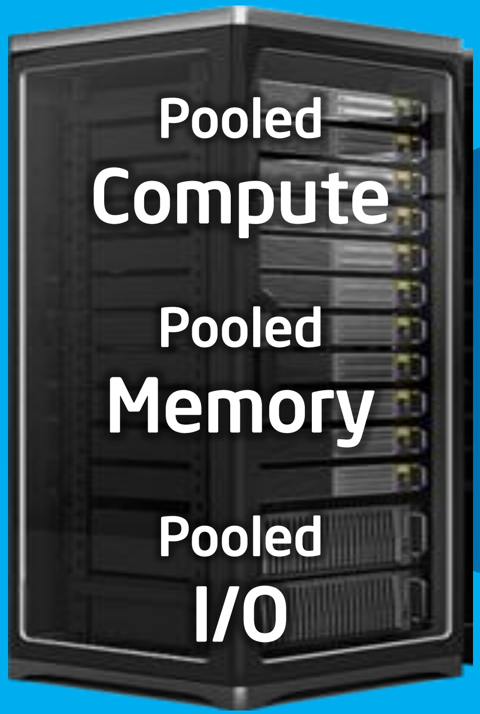
intel inside XEON PHI™

Silicon Customization



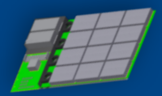
facebook. ebay NUANCE

RACKSCALE ARCHITECTURE
Greater Flexibility & Efficiency for Customers

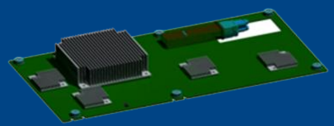


Open Network Platform

Storage-PCIe-SSD



Photonics & Switch Fabric



Intel® Atom™ & Xeon®

intel inside ATOM™ intel inside XEON®

Reference Design Enabled With Intel Ingredients

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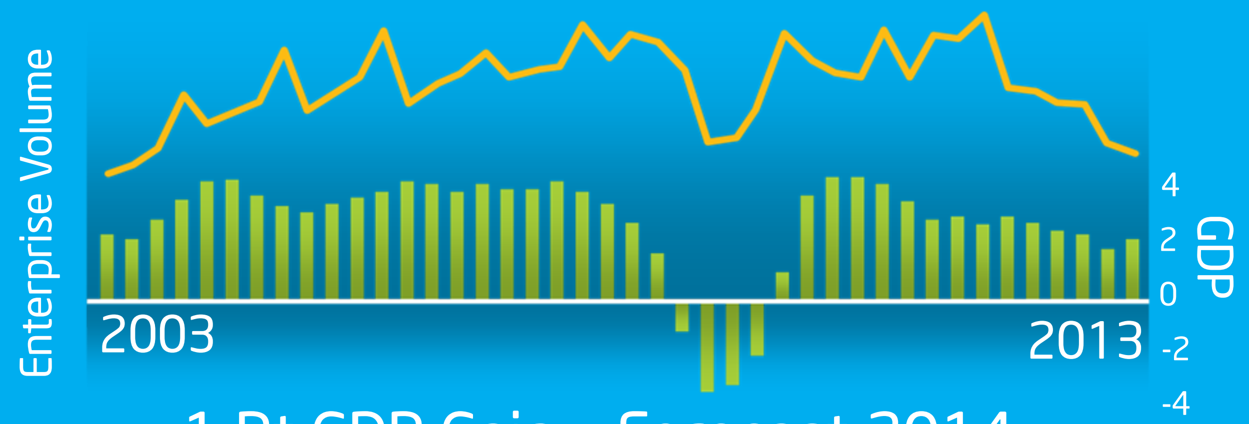
Enterprise: *Growth Drivers*

Enterprise IT Spend Correlated to GDP[1]



1 Pt GDP Gain – Forecast 2014

Private Cloud: TCO Benefit

zynga®

Transitioned to private cloud for perf / TCO

IT cost per VM as low as 50%

Depending on workload & utilization[1]

Private Cloud Drives Refresh Cycle

Advanced Telemetry

Power Performance

Security Utilization

VM isolation policy support geo-location

VM1 VM2 VM3

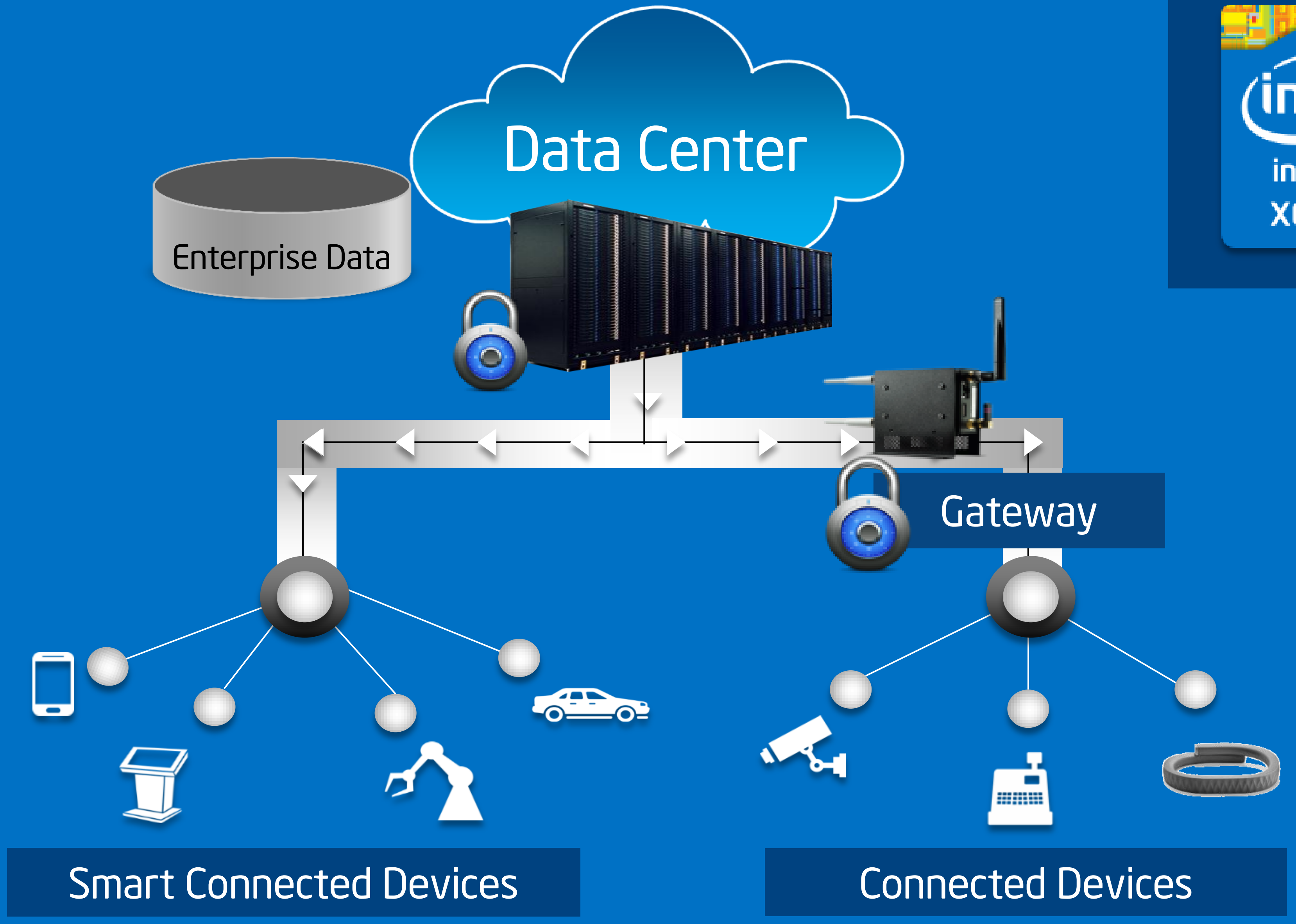
Encryption strong crypto

Transition to software defined network & storage

1: Source: Intel

* Other names and brands may be claimed as the property of others.

Big Data: *Driving Enterprise Growth*



intel inside XEON

Intel® Xeon® E5 & E7
Intel® Enterprise Edition for Lustre
Intel® Distribution for Hadoop
McAfee An Intel Company

intel inside XEON
intel inside ATOM

Intel® Xeon® E3
Intel® Atom™
McAfee An Intel Company
WIND RIVER

intel inside ATOM
intel inside CORE

Intel® Core
Intel® Atom™
Intel® Quark
McAfee An Intel Company

Consistent Architecture, IoT to Data Center

Network: *Growth Drivers*

Telco: Transitioning to General Purpose Computing

Across All 4 Workloads

Application, Control, Data, Signal

AT&T Launches Supplier Domain 2.0

SDN: Transforming Networks Across All Segments

Intel IT: SDN cuts provisioning time from

Weeks to Minutes[1]

Open Standards Rapidly Emerging

NFV: Virtualizing Fixed Functions onto Servers

Standards body formed Oct 2012

Now >25 carriers

1st specs released within 1 year

Intel: >15 Carrier Quals of SDN / NFV in All Major Regions With Top System Vendors

1: Source: Intel IT internal estimate

Network: *Intel Advantage*

Network Functions Now Virtualized on IA

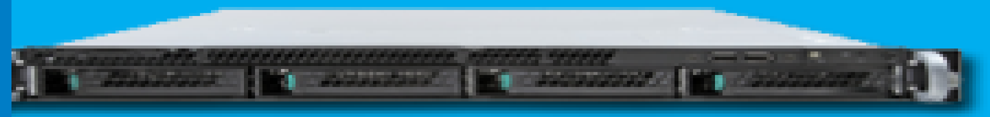
VM: Gateway

VM: Firewall

VM: VPN

VM: Load Balancer

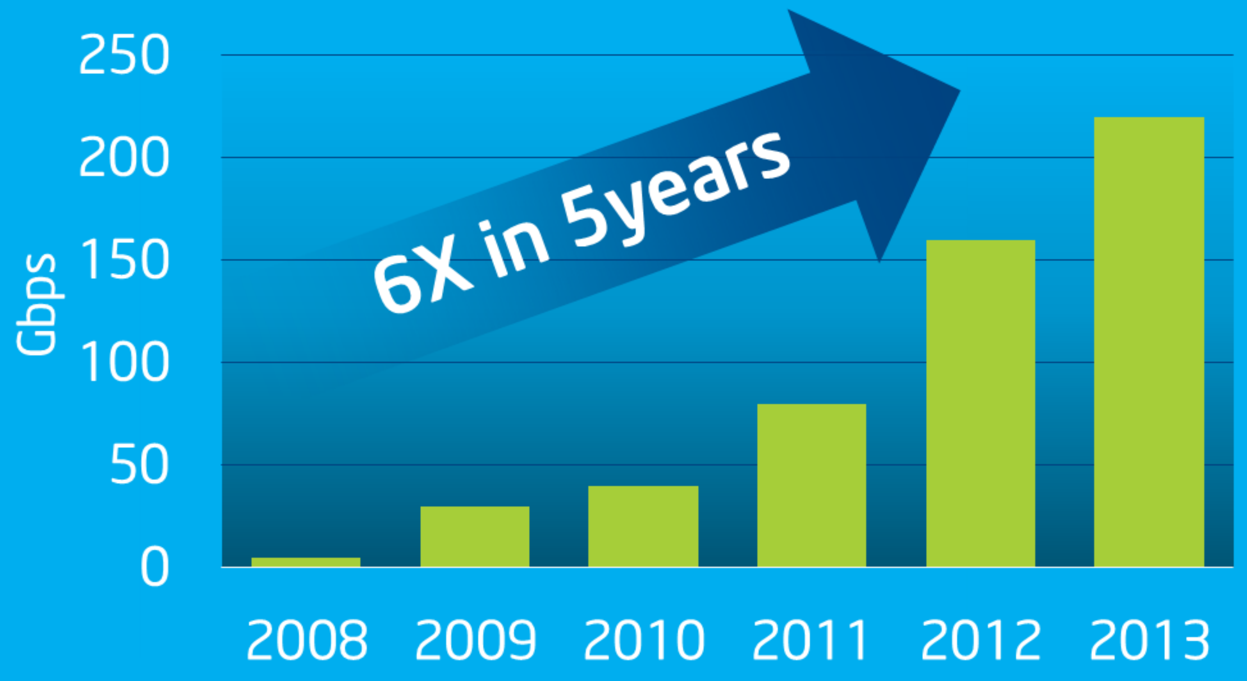
Network Functions Virtualization



*"[Intel-based] system(s) shipping today deliver almost 200G throughput ... and in the routing/firewall world that is shocking because it **replaces $100,000 proprietary boxes**."*

BROCADE

Xeon Delivering Disruptive Performance for Packet Processing[2]



Shift to Standards Based IA:

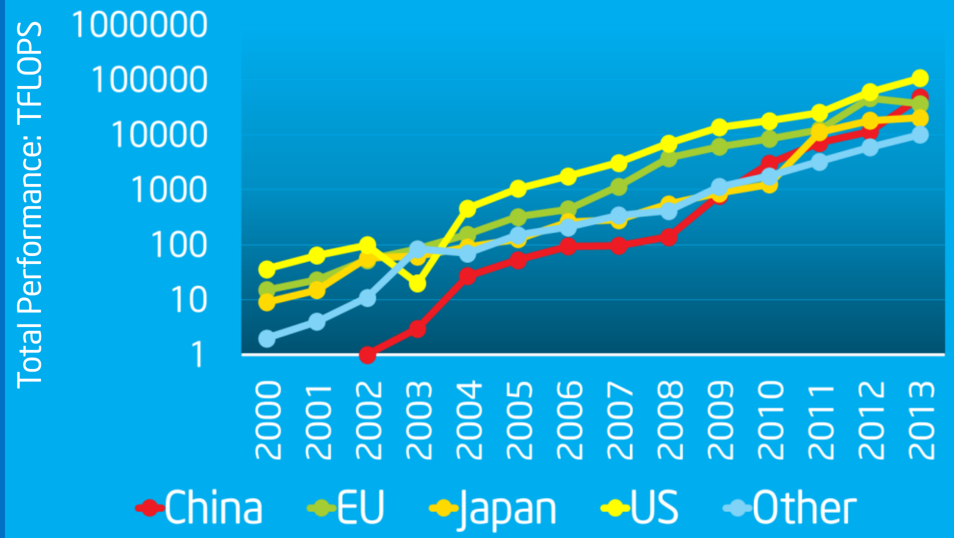
Intel: ~5% share in a $16B market today[1]

1: Intel internal estimate

2: Intel Internal measurement of packet processing performance using Intel Xeon processors. Software and workloads used in performance tests may have been optimized for performance only on Intel microprocessors. Performance tests, such as SYSmark and MobileMark, are measured using specific computer systems, components, software, operations and functions. Any change to any of those factors may cause the results to vary. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases, including the performance of that product when combined with other products. For more information go to intel.com/performance * Other names and brands may be claimed as the property of others.

HPC: *Growth Drivers & IA Advantage*

Supercomputing



Top 500 FLOPs >50% CAGR for past decade[1]

Commercial HPC

Genomics sequencing from 7 days to 4 hours[2]

Heterogeneous Computing

28% 2011 ➡ **77%** 2013

HPC customers intend to deploy co-processing[3]

intel inside XEON PHI™

#1 Share

Of Top500 co-processor FLOPs[1]

96% MSS of new top 500 systems[1]

90% MSS of HPC overall[1]

1: Source: www.top500.org
2: Intel estimate based on user results
3: Source: IDC Worldwide Study of HP End User Sites (2013)

System Leadership for Lightweight Workloads

Microservers, Cold Storage, Entry Network

intel inside ATOM™

Leadership Roadmap

2nd Gen 64-bit Atom™ SoC,
50+ designs wins

Software Compatibility

Across the portfolio from
Xeon® to Atom™

Ecosystem Enabling

Investment
beyond silicon

"...the road to ARM-based servers now looks longer and narrower than previously thought.... So ***ARM is not likely to encroach*** *on Intel's cloud territory in any significant way soon.."*
Rick Merrit

EE Times

"Intel's greatest differentiation... comes from its ***unmatched software compatibility****... almost any application developed for a Xeon platform can now scale down to Intel's new SoC design."*
Linley Gwennap

The Linley Group

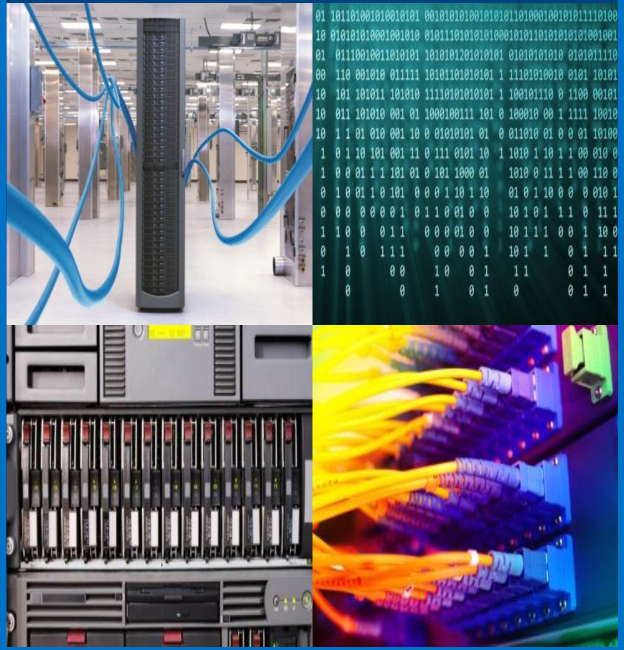
Intel Delivering Comprehensive Data Center Innovation

2000

Servers

2013

Servers, Storage, Network & Software



Beyond CPUs

Fabric

Silicon Photonics

Non-Volatile Memory

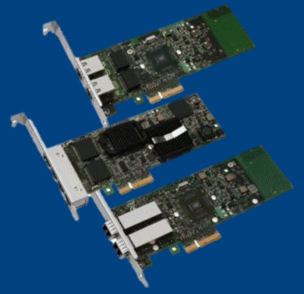
Fabric Innovation & Integration

Expanding the Revenue Opportunity

Ethernet

Today

Discrete & Integrated



2014+

Discrete & Integrated

Xeon & Atom

HPC Fabric

Today

Discrete

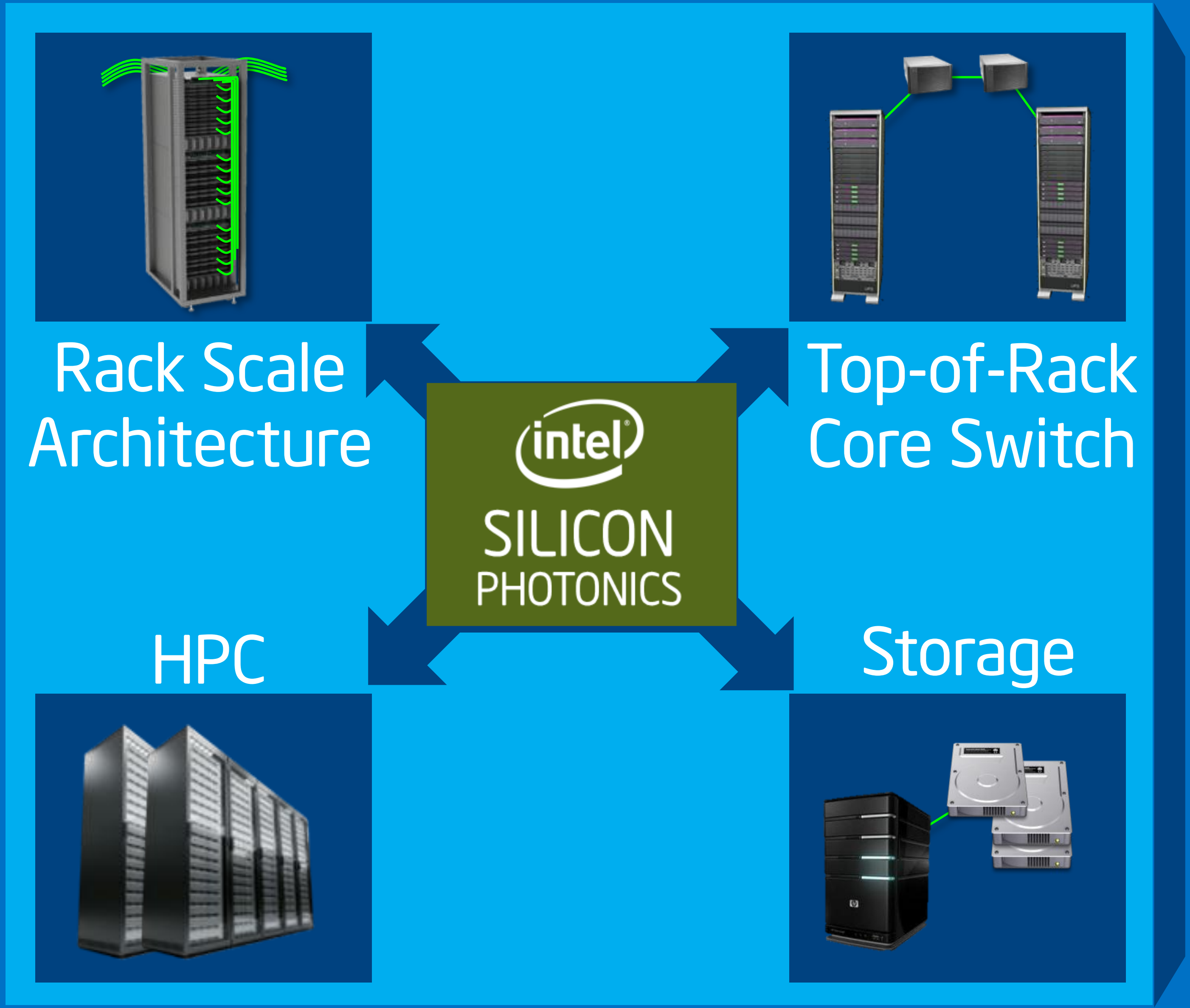
Intel® True Scale InfiniBand

2015+

Integrated Next Gen Fabric

Xeon & Xeon Phi

Silicon Photonics



Data Center demanding faster speeds and longer distances

Copper challenged >25Gbps

Current optical challenged >100m, >25Gbps

- Bandwidth, scalability, cost

Intel Silicon Photonics

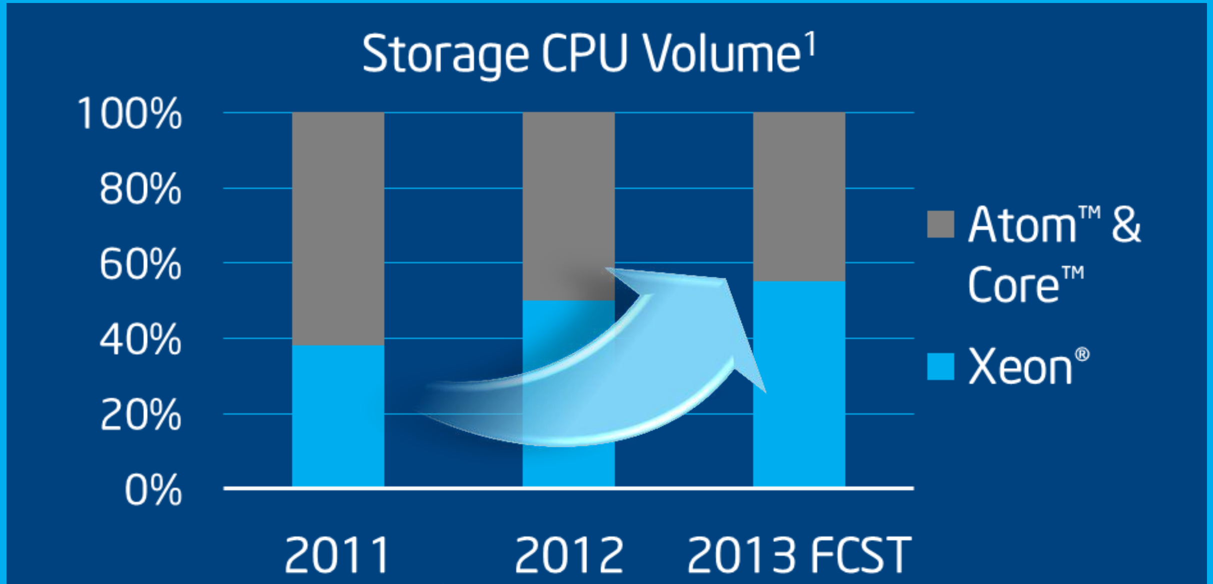
- Demonstrated 800m reach at 25Gbps[1]
- Improved cost, flexibility and power
- Enables higher server density

100Gbps Sampling Q3'13, Production in '14

1: Source: Intel results presented at European Conference on Optical Communications 2013

Storage & Non-Volatile Memory

Software Defined Storage



Growth of intelligence in storage

Intel Storage Software & Optimized CPUs

intel inside XEON®

intel inside ATOM™

Cache Acceleration Software

Enterprise Edition for Lustre

Non-Volatile Memory

Today:

#1 in Data Center SSDs

2013: ~40% MSS[2], ~50% growth[1]

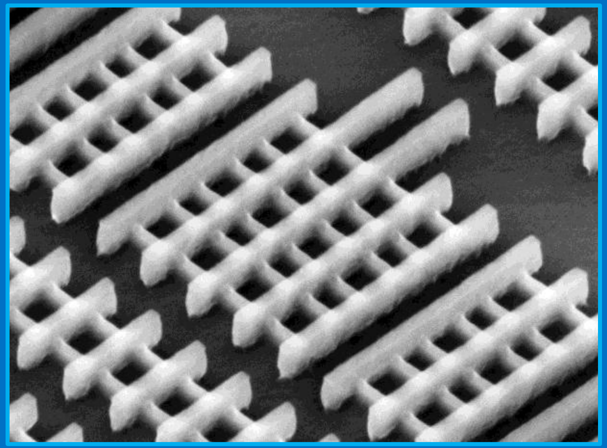
Tomorrow:

Redefining boundary between memory and storage

1: Intel forecast
2: IDC Q2'13

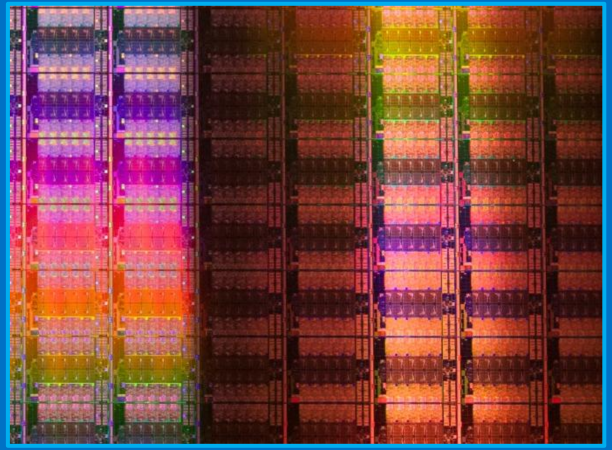
Intel's Unmatched Assets

Most Energy Efficient Transistors

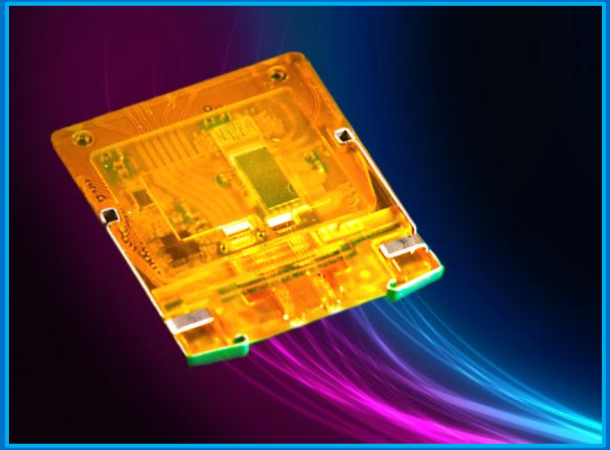


Architecture Consistency

Software Compatibility



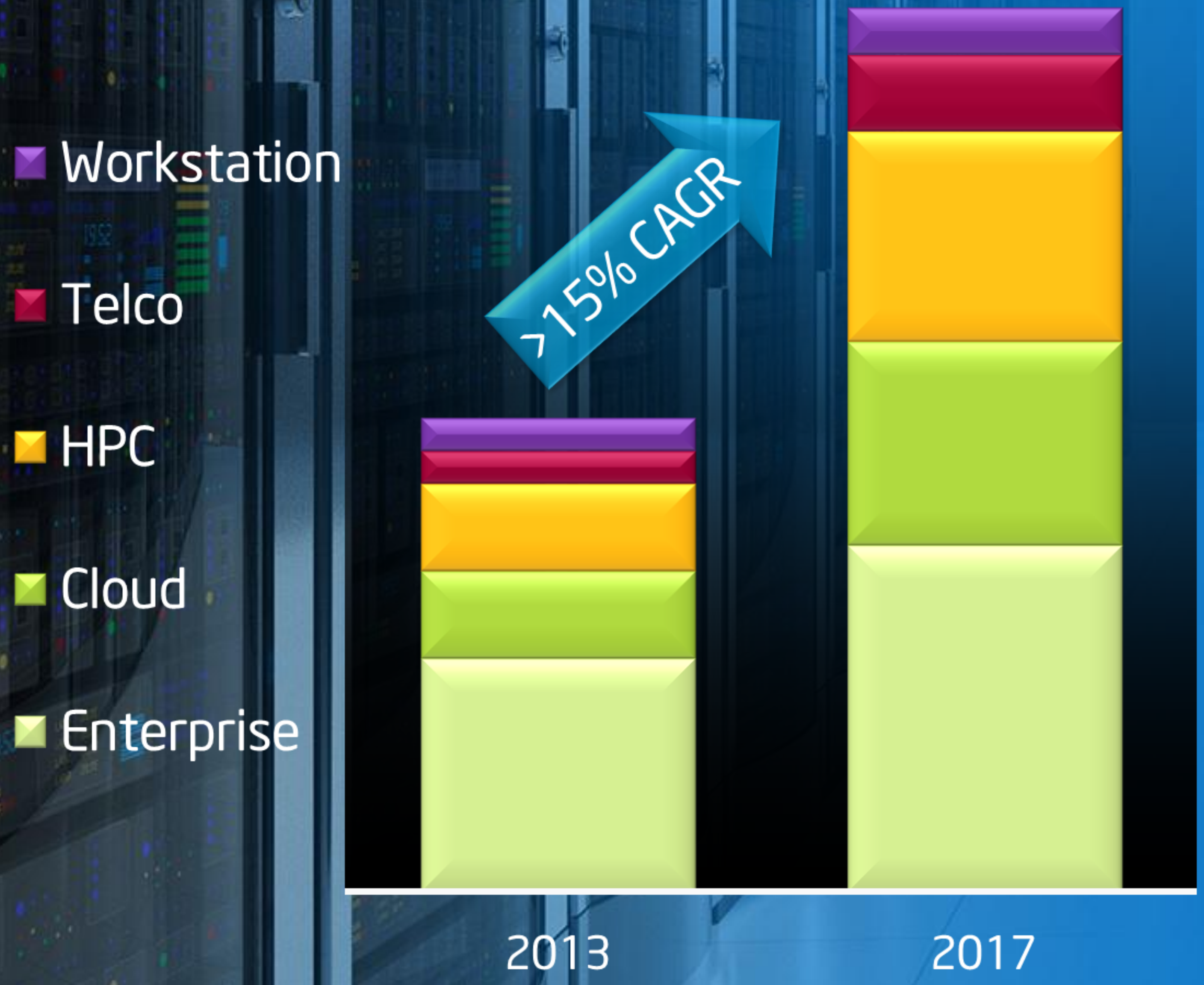
Workload Optimized Silicon



Technology Portfolio

Global Ecosystem

Data Center Summary



- Significant growth & change in rise of the digital services economy
- We are uniquely positioned to win
- Double-digit growth CAGR* through 2017
- Leadership solutions across server, storage and network

* Source Intel forecasts and reported results. Note: Telco financial results are reported in the "Other IA operating segment"

Risk Factors

The above statements and any others in this document that refer to plans and expectations for the fourth quarter, the year and the future are forward-looking statements that involve a number of risks and uncertainties. Words such as “anticipates,” “expects,” “intends,” “plans,” “believes,” “seeks,” “estimates,” “may,” “will,” “should” and their variations identify forward-looking statements. Statements that refer to or are based on projections, uncertain events or assumptions also identify forward-looking statements. Many factors could affect Intel’s actual results, and variances from Intel’s current expectations regarding such factors could cause actual results to differ materially from those expressed in these forward-looking statements. Intel presently considers the following to be the important factors that could cause actual results to differ materially from the company’s expectations. 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- Relative performance for each benchmark is calculated by taking the actual benchmark result for the first platform tested and assigning it a value of 1.0 as a baseline. Relative performance for the remaining platforms tested was calculated by dividing the actual benchmark result for the baseline platform into each of the specific benchmark results of each of the other platforms and assigning them a relative performance number that correlates with the performance improvements reported.
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